Course Name	Project Management Ready			
Course Code	24PMSCP41	**L**	**P**	**C**
Core	Certificate Course	1	-	1

NATURE OF COURSE:	**EMPLOYBILITY**	SKILL ORIENTED	ENTREPRENURSHIP

Course Objective:

1. To Define key project management terminology, roles, responsibilities, and ethics.
2. To Develop structured project plans, schedules, and risk management strategies.
3. To Identify agile principles, roles, methodologies, and task management techniques.
4. To Understand stakeholder communication, requirement gathering, and product delivery processes.
5. To Use tools for monitoring, controlling, and delivering project outcomes effectively.

Unit: I	**Project Management Fundamentals** Introduction to project management concepts, terminology, and principles-Defining projects, programs, portfolios, business cases, and deliverables- Understanding project roles, responsibilities, and decision-making-Overview of predictive (traditional) and adaptive (agile) project management approaches-Identifying project risks, assumptions, and constraints-Introduction to project management ethics and problem-solving techniques.
Unit: II	**Predictive (Plan-Based) Project Management** Understanding predictive methodologies and structured planning-Identifying project phases, process groups, and knowledge areas-Creating project schedules, defining work breakdown structures, dependencies, and critical paths-Project controls, variance resolution, and cost, quality, and risk management-Executing and controlling predictive projects using structured tools and frameworks.
Unit: III	**Agile Project Management Methodologies** Comparing predictive, adaptive, and hybrid project management approaches-Understanding agile principles, transparency, and customer engagement-Identifying agile roles, team collaboration, and methodologies (Scrum, Kanban, XP, SAFe)- Agile planning, sequencing, tracking, and prioritization techniques-Implementing agile project tracking, backlog management, and stakeholder engagement.

Unit: IV	**Business Analysis Frameworks in Project Management** Identifying key business analysis roles and responsibilities-Understanding stakeholder communication, communication plans, and status reporting-Requirement gathering techniques: functional, nonfunctional, security, and business requirements-Creating a product roadmap, components, and release plans-Project closing activities: contracts, documentation, lessons learned, and sponsor signoff.
Unit: V	**Project Execution, Control, and Delivery** Identifying tools and systems used in project management-Using problem-solving tools and effective communication techniques-Managing project scope, schedule, cost, and risk-Task decomposition, prioritization, and stakeholder management-Understanding project delivery processes and ensuring successful execution.